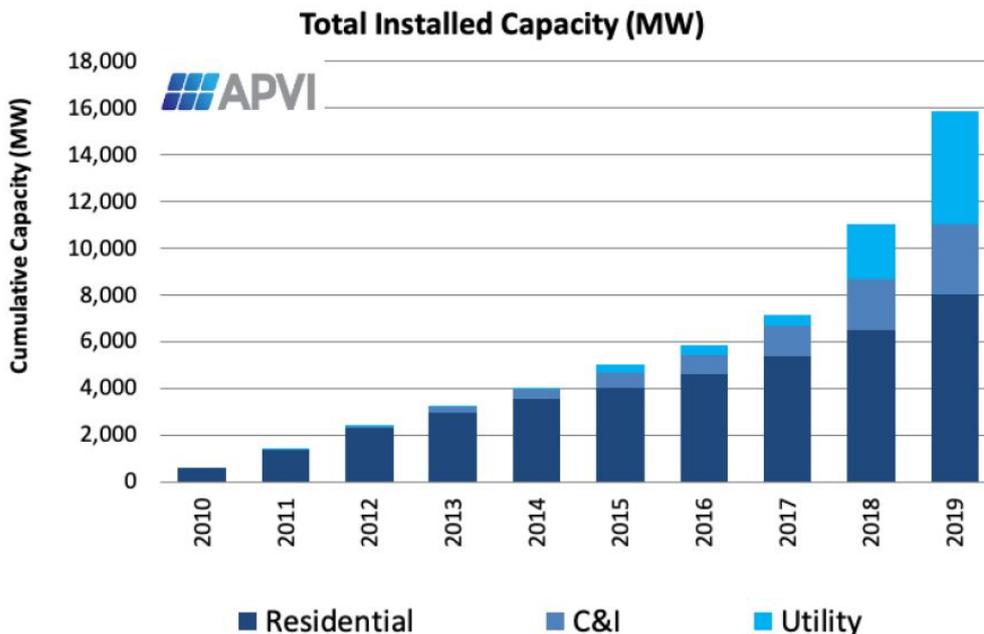


Nearly 100-fold growth in installed solar in ten years! Australia continues to set new records in solar PV

The APVI (Australian Photovoltaics Institute) today has released the PV in Australia report for 2019, with analysis showing that multiple solar installation records and massive growth across the sector that continues into 2020.



The APVI reports that Australia now has the highest per capita capacity of solar in the world with over 650 W per person, and is in the Top 5 markets for solar installations per year and total installed capacity.

Solar growth in 2019 broke records for residential, commercial and large-scale solar.

At 16.5 GW by end 2019, Australia now has twice as much total solar installed than at the end of 2017, ten times the total 1.4 GW installed at the end 2011 and close to 100 times the 187MW installed at the end of 2009.

This growth has been helped by rooftop solar system prices, which continue to decline, with an average system price (before subsidies) of AUD \$1.57 per kW.

Solar accounts for 17,810 full time equivalent jobs in Australia, and an additional 550 roles in solar research, and provides 5.9% of total electricity demand. The estimated value of solar businesses in Australia is estimated at AUD \$7.6 billion.

Dr Renate Egan, Secretary of the APVI, says “There has been phenomenal growth across the board in the solar industry in Australia, making our country a world leader both in capacity for solar energy production, and a key centre for solar research.”

The report outlines key milestones for Solar in Australia including:

- Total solar installed at 16.3 GW at the end of 2019 and at over 650 W per person, giving Australia the highest per capita installed solar in the world
- 4.76 GW of new solar installed in 2019, putting Australia in the Top 5 solar markets in the world
- 41% growth in total solar capacity in 2019, more than double the capacity of 2017
- Installation records across residential solar, commercial solar and large-scale solar

At end 2019, rooftop solar was installed on over 2.3 million houses across Australia, including over 280,000 new systems added in 2019. There are now more than 27% of freestanding houses in Australia with rooftop solar installed (with higher averages of 37% in QLD and SA). These numbers continue to grow, with 18.5 GW capacity reached by mid-2020 and 2.5 million installations. The latest stats are available at <https://pv-map.apvi.org.au/analyses>.

Solar continues to make a significant impact on employment with rooftop solar accounting for 13,070 full time equivalent jobs in Australia. There are an additional 4,740 FTE jobs derived from large scale solar, with Australia now boasting 372 solar power plants.

[The National Survey of PV Power Applications in Australia Report](#) is published by the APVI and is prepared as part of Australia’s engagement with the International Energy Agency. It contributes to the longest standing records for solar installed in Australia, going back to 1992, when there was a total of 7MW installed in Australia, all of it off-grid.

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[Full Report](#)

National Survey Report of PV Power Applications in Australia, 2019

Authors: Renate Egan, Ellie Kallmier, Oliver Ashby, Linda Koschier, and Rob Passey

Contact:

Dr Renate Egan, UNSW

r.egan@unsw.edu.au 0408 223 653

About the APVI

The Australian Photovoltaics Institute is a not-for-profit, member based organisation which focuses on data analysis, independent and balanced information, and collaborative research. Our objective is to *support the increased development and use of PV via research, analysis and information.*

The APVI promotes solar through its live solar mapping platform [<http://pv-map.apvi.org.au>], the national solar research conference and Australia's participation in two International Energy Agency (IEA) programs – PVPS (Photovoltaic Power Systems) for solar photovoltaics and SHC (Solar Heating and Cooling), concerned with new solar thermal products and services.

www.apvi.org.au